Numerical fit of expanding source model to R , λ parameters and π momentum spectrum

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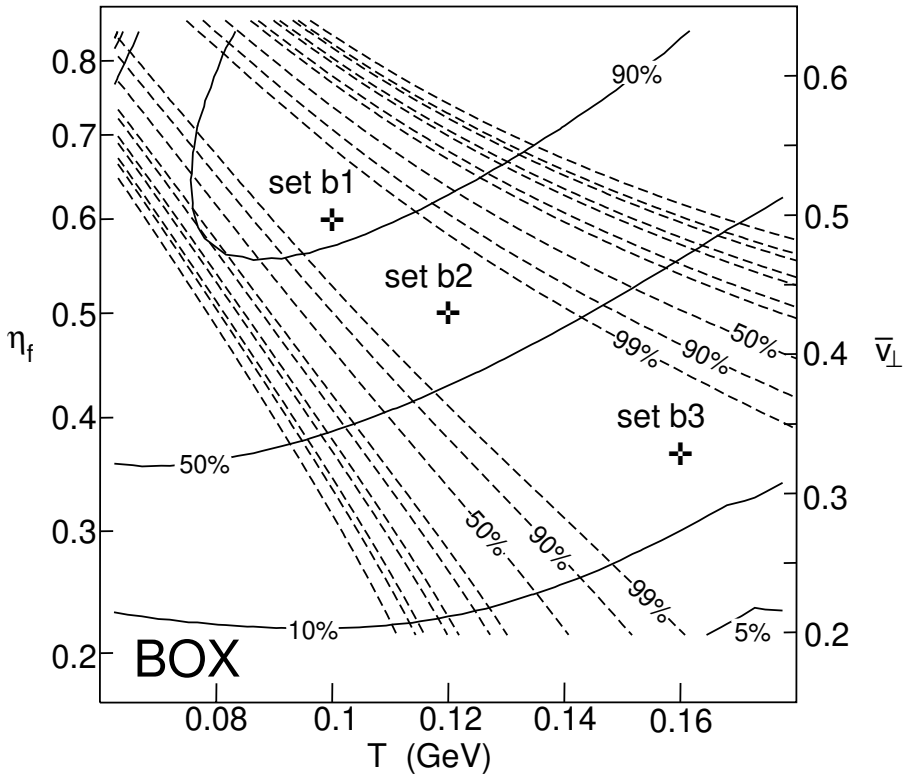
transversely uniform source density (box profile) preferred

fit confidence levels

$\pi\pi$-correlations(lines),m_T-spectra(dashed)



fitted model parameters:

$T_{fo} = 100 - 120 MeV$

$\eta_f = 0.6 - 0.5 \quad (\langle v_\perp \rangle = 0.50 - 0.53)$

$R_B = 12.1 - 11.5 fm \quad (R_{rms} = \frac{R_B}{\sqrt{2}} = \sqrt{2} R_G)$

$\tau_0 = 5.9 \pm 1.1 fm/c$, $\Delta\tau = 3.4 \pm 0.7 fm/c$

results similar to less sophisticated NA49 analysis